

Page 52, line 29, delete "15A, 15B, 15C, and 15D" and insert --14A, 14B, 15A, and 15B--.

Page 52, line 30, delete "15A" and insert --14A--.

Page 53, line 8, delete "15A" and insert --14A--.

Page 53, line 9, delete "15B" and insert --14B--.

Page 53, line 22, delete "15C" and insert --15A--.

Page 53, line 33, delete "15D" and insert --15B--.

Page 54, line 4, delete "15" and insert --15B--.

Page 54, line 7, delete "through a mask, and subsequence" and insert --and subsequent--.

Page 55, line 26, after "YpGFL" insert --(where L-amino acids are identified by one upper case letter abbreviation, and D-amino acids are identified by one lower case letter abbreviation)--.

Page 56, lines 25-28, delete the entire sentence that begins with "Such techniques...."

IN THE CLAIMS:

Please Cancel Claims 1-104.

Please add new Claims 105-116 as follows:

~~105. Apparatus comprising a substrate with a surface, said surface comprising at least two predefined regions, said predefined regions containing different oligonucleotide sequences thereon, said predefined regions each occupying an area of less than about 0.1 cm<sup>2</sup>.~~

~~106. Apparatus as recited in claim 105 wherein said area is less than about 0.01 cm<sup>2</sup>.~~

~~107. Apparatus as recited in claim 105 wherein said area is less than 10000 μm<sup>2</sup>.~~

~~108. Apparatus as recited in claim 105 wherein said area is less than about 100 μm<sup>2</sup>.~~

109. Apparatus as recited in claims 105, 106, 107, or 108 wherein said oligonucleotide sequences are substantially pure within said predefined regions.

110. A substrate comprising  $10^3$  or more different oligonucleotides attached to a surface in predefined regions.

111. A substrate as recited in claim 110 wherein said substrate comprises  $10^4$  or more different oligonucleotides in predefined regions.

112. A substrate as recited in claim 110 wherein said substrate comprises  $10^5$  or more different oligonucleotides in predefined regions.

113. A substrate as recited in claim 110 wherein said substrate comprises  $10^6$  or more different oligonucleotides in predefined regions.

114. A substrate as recited in claim 105 wherein said oligonucleotides are substantially pure within said predefined regions.

115. A substrate as recited in claim 105 wherein the oligonucleotides are attached to the surface by a linker.

116. The substrate of claim 115 wherein the linker is selected from polyethylene glycol and aryl acetylene.--

IN THE DRAWINGS:

Please delete the current Fig. 14. A request for drawing changes to reflect numbering changes pursuant thereto is enclosed herewith.